

Wayne  
7120

## Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

RECEIVED

JAN 27 2016

DIV. OF OIL, GAS & MININ

<b>Operator:</b> <i>MARTINIQUE Mining Corporation</i>			
<b>Mine Name:</b> <i>MAY Day Mill</i>		<b>File Number: E or S /</b> <i>5/17/0043</i>	
<small>Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.</small>			
<b>DETAILED SCHEDULE OF CHANGES TO THE NOTICE</b>			
<small>Description of map, text, or materials to be changed</small>			
<input checked="" type="radio"/> ADD	REPLACE	REMOVE	<i>suppliment 1 (monitering Plans envireatmental)</i>
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I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

<i>Kim E. Wilson</i> _____ Print Name	<i>K. E. Wilson manager</i> _____ Sign Name, Position
	<i>1-25-2016</i> _____ Date

**Return to:**

State of Utah  
Division of Oil, Gas and Mining  
Attn: Minerals Regulatory Program  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Phone: (801) 538-5291 Fax: (801) 359-3940

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**FOR DOGM USE ONLY:**

File #:     /    /    

Approved: \_\_\_\_\_

Bond Adjustment: from (\$)  
to \$ \_\_\_\_\_



## **MARTINIQUE MINING CORPORATION**

### **SUPPLIMENT 1**

#### **MONITORING PLAN ENVIRENMENTAL**

#### **AIR, WATER, AND DECIBEL NOISE SYSTEMS**

Martinique Mining has operated at the site for over 15 years to present always observing water, air, and noise impact to the site, with environmental, and wildlife concerns. MMC is one of the few operators in the area which plants and grows seedling conifer for the explicit reasoning of reclamation after mining use at the site. The following reporting and diagram, show the positioning of the planned monitoring units and system types we would like to implement at the May Day Mill site.

We will address the air quality at the site first as it has been of high concern to MMC throughout many years of operations with our pilot processing mill. MMC uses wet screening and simple gravity concentration methods for all operations at the site. This type of procedure uses waters to create wet slurry from dry mined materials from the mine site. Water sprays are installed at every point of movement contact with ore products from the mine. This procedure dramatically lowers the airborne dust content at the site. The mill area itself is watered during dry season months using fresh water from our Crescent Creek reservoir system which provides water to the milling facility.

For the purpose of monitoring our air quality at the site we would deploy several air quality measuring devices in points around the site and handheld devices with our daily shift supervision and security team at the site. It will be the direct responsibility of each shift supervisor and each shift security officer to provide daily reporting regarding air, water, and noise reporting documentation for the site.

Beyond the dust measuring systems, MMC will also deploy Co2 and diesel particulate matter testing systems with the air quality measuring units. The Mine Safety & Health administration and the Utah Dept. of Environmental Quality, both have regulations regarding air quality for the site, which deployment of these type air quality testing systems will comply with all regulations.



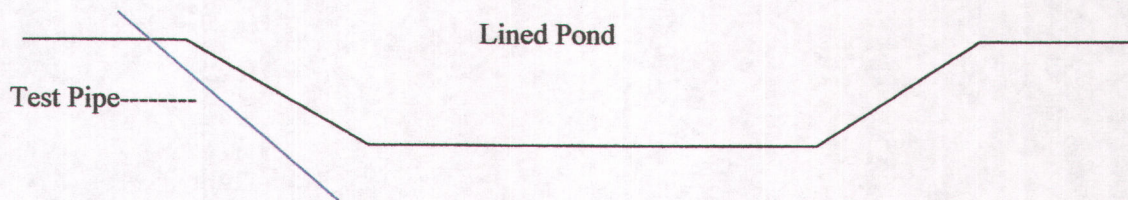
Mine Safety Administration "MSA" approved air multicenter 5100 model. These units will be placed in 2 locations at the site in fixed positions and readings taken daily by mine supervision.



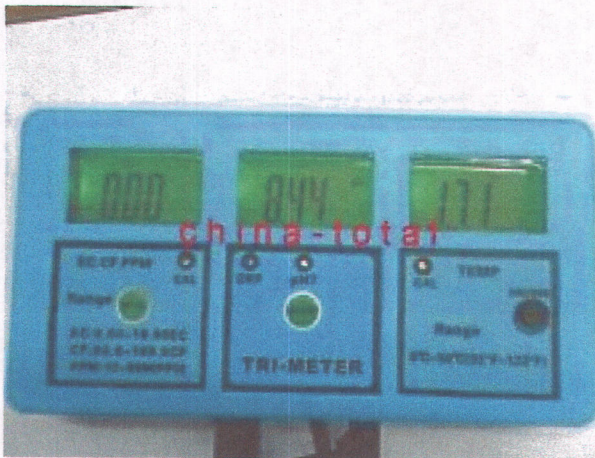
This is the hand held test unit which has an alarm if high levels of Co2 are detected at the site during movement around the site. Please see diagram for monitor locations.



Water testing systems at the site will include ground water test piping systems placed under the installed lining systems at the water containment ponds. These pipes will be simple schedule 40 PVC systems placed at a 20 foot deep angled direction under the pond area. This will allow the operators to test for pond breach or leakage of water containment ponds during the life of the pond systems.



Monitoring equipment will test water PH level, and temperature among several other test features of this particular type unit.



This unit measures a variety of water quality levels such as PH, EC, CF, and TDS. We will also deploy a test kit and monitor our main holding reservoir prior to mill use, so as to maintain a comparable data base for the project area.

Water samples will be taken from the insert piping at the holding reservoirs on a regular basis to insure quality control of the pond area. Data collected will be filed at the onsite field office and kept for all agency review at any time within the life of the mill and mine. Water erosion check point systems are installed in the mill site area and have not degraded since installation. Water is completely recycled for the milling process and contained at every point within the operation. Only natural evaporation and soil hydrology degrades the quantity of usage, and the degradation is replaced with the underground pipe system now installed at the mill site from the primary reservoir. Our primary reservoir is named "Eagle Reservoir" and lies at the very uppermost level of Eagle Bench, Crescent Creek. We have sloped this reservoir to provide a perfect environment for area wildlife of all species to water in this otherwise dry climate area. We have not fenced the reservoir area, nor restricted use of this reservoir area for these and all visitors to the area. The area is quiet and we do not perform heavy equipment operations near this reservoir system, specifically with wildlife and agricultural use in mind, as well as the public. This in our mind keeps the inquisitive visitor away from the primary mill site area for safety purposes.





Water quality multi test kit

Noise control is mandated by several outer agency programs and is included within the MMC company policy and safety policy programs. Noise is not only a distracting factor of crew operations, but can inhibit crew communications which cause safety concerns. MMC will deploy modern Tier 3 and Tier 4 engine systems within all equipment used at the site. Our 250KW Electric Generating system, built by Whisperwatt is among the most quietly operating generators of modern time. Tromell and Jig systems have been fitted with new neoprene roller bearings and carriers and have tested well below rated noise level concerns. Mobile equipment as well will be fuel efficient and emission controlled so as to provide less impact to area wildlife, and grazing allotment agricultural use.

MMC supervisors will also be responsible for all noise testing equipment, daily operation, data collecting, and filing of information at the mine office on site. Noise testing meters will also be installed at the mill site and with each shift Forman on site. There are 2 types of noise level Dosimeter units we would deploy at the site, particularly for MSHA mine requirements. The fixed mount MSA unit has a recordable chip which files levels on a daily and up to a weekly report period. This data is collected and printed for the file every week. The other unit is carried by personnel on site and keeps a daily record of noise level for employee or supervisor use. We will typically use noise and dust level monitor equipment from time to time on different employee operations at mine and mill, to insure a safety quality control effort for the project site.



MSA recommended noise logging dosimeter